

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

CUSTOMER NO. 004372

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Docket No. 107156-00099

Date: February 27, 2002

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): POSITIONING APPARATUS, POSITIONING METHOD, AND
POSITIONING SYSTEM

By (Inventors): Manabu NOHARA

- ☒ 139 pages of Specification/Claims 1-54/Abstract are attached.
- ☒ Formal drawings (Figs. 1-31; 30 sheets) are attached.
- ☒ A Declaration and Power of Attorney is attached.
- ☒ An assignment of the invention to Pioneer Corporation is attached, along with Form PTO-1595 and a check for \$40.00.
- ☒ Priority of foreign application No. 2001-51476 filed February 27, 2001 in Japan is claimed under 35 U.S.C. §119.
- ☒ A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

| FOR: | NO. FILED | NO. EXTRA |
|---|-----------|-----------|
| BASIC FEE | | |
| TOTAL CLAIMS | 76 - 20 | = 56 |
| INDEP CLAIMS | 10 - 3 | = 7 |
| <input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS | | |

SMALL ENTITY

| RATE | FEE |
|--------|--------|
| | \$ 370 |
| x 9 = | |
| x 42 = | |
| +140 = | |
| TOTAL | |

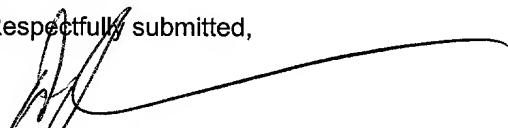
OR
OR
OR
OR
OR
OR

LARGE ENTITY

| RATE | FEE |
|-------|---------|
| | \$ 740 |
| x 18 | \$ 1008 |
| x 84 | \$ 588 |
| +280 | \$ 280 |
| TOTAL | \$ 2616 |

- ☒ Check No. 335400 in the amount of \$2,656.00 (\$2,616.00 for the filing fee and \$40.00 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,


Douglas H. Goldhush
Registration No. 33,125

DHG/scc